

Converting Colors

YIQ(168.1200, 43.1000,
-10.1800)

Have a look what the booklet for
YIQ(168.1200, 43.1000, -10.1800)
contains.

YIQ(168.1200, 43.1000, -10.1800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(168.1200, 43.1000,
-10.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA367
RGB	203, 163, 103
RGB Percent	80%, 64%, 40%
CMY	0.2039, 0.3608, 0.5959
CMYK	0.00, 0.20, 0.49, 0.20
HSL	36°, 49%, 60%
HSV	36°, 49%, 80%
XYZ	40.1778, 39.8673, 18.4241
YIQ	168.1200, 43.1000, -10.1800

Conversions

Conversions Part 2

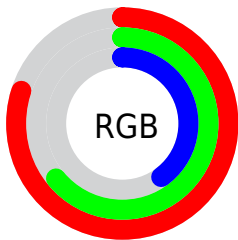
Format	Color
RYB	170, 203, 103
Decimal	13345639
CIELab	69.37, 7.25, 36.58
CIELCh	69, 37.289, 78.784
Yxy	39.8673, 0.4080, 0.4049
Android (android.graphics.Color)	4291535719 (0xFFCBA367)
YUV	168.1200, -32.1042, 30.5898
Hunter-Lab	63.1406, 3.0875, 26.8979

Details

The YIQ color **168.1200, 43.1000, -10.1800** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **137.8800, -43.1000, 10.1800**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.8810, 42.2750, -11.7490**, and **115.2660, 39.7530, -10.0950** is the 20% darker color. If you saturate the color by 10%, you get **161.1440, 51.7200, -12.2160**, and if you desaturate by 10%, it is **175.0960, 34.4800, -8.1440**.

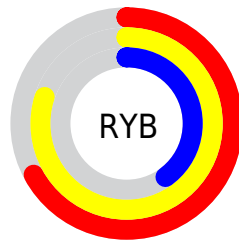
Distribution



Red (80%)

Green (64%)

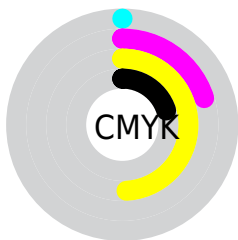
Blue (40%)



Red (67%)

Yellow (80%)

Blue (40%)

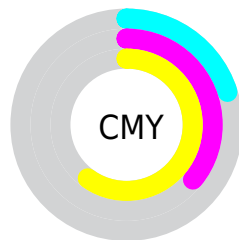


Cyan (0%)

Magenta (20%)

Yellow (49%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.1200, 43.1000, -10.1800 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 168.1200, 43.1000, -10.1800 by changing the saturation by 10% instead.

■ 168.1200, 43.1000,
-10.1800

■ 168.1200, 43.1000,
-10.1800

■ 255.0000, -0.0000,
-0.0000

■ 141.3370, 40.9910,
-10.5050

■ 221.8810, 42.2750,
-11.7490

■ 115.2660, 39.7530,
-10.0950

■ 241.3950, 25.9080,
-17.9960

■ 90.1840, 37.0480,
-10.6320

■ 249.8700, 14.4450,
-13.9950

■ 66.0590, 35.9020,
-11.8900

■ 253.1760, 5.1360,
-4.9760

■ 44.6870, 28.3820,
-7.7620

■ 25.4720, 18.9820,
-2.6020

■ 3.5880, 7.1520,

2.5440

■ 0.0000, 0.0000,
0.0000

■ 168.1200, 43.1000,
-10.1800

■ 168.1200, 43.1000,
-10.1800

■ 161.1440, 51.7200,
-12.2160

■ 175.0960, 34.4800,
-8.1440

■ 154.0540, 60.6610,
-14.5630

■ 182.1860, 25.5390,
-5.7970

■ 147.0780, 69.2810,
-16.5990

■ 189.1620, 16.9190,
-3.7610

■ 139.5150, 78.1760,
-18.1120

■ 196.7250, 8.0240,
-2.2480

■ 132.5390, 86.7960,
-20.1480

■ 203.8150, -0.9170,
0.0990

■ 132.3110, 87.4380,
-20.7700

■ 210.7910, -9.5370,
2.1350

■ 217.7670,
-18.1570, 4.1710

■ 223.6030,
-23.5670, 3.0970

■ 228.2990,
-25.7670, -1.0870

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.8910, 54.6510, 6.2590



168.1200, 43.1000, -10.1800



164.8240, 20.0860, -22.6180

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168.1200, 43.1000, -10.1800



143.0900, -89.1710, -30.4430



173.7080, 7.8350, 28.7230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



168.1200, 43.1000, -10.1800



137.8800, -43.1000, 10.1800

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



169.7620, -27.7880, 19.0280



168.1200, 43.1000, -10.1800



144.6350, -97.6550, -19.8550

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



168.1200, 43.1000, -10.1800



153.7510, -48.7320, -30.9400



159.9910, -65.7020, 1.2900



173.3770, 36.6280, 30.0360

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.1200, 43.1000, -10.1800



162.2390, -0.3160, -27.3240



159.9910, -65.7020, 1.2900



173.0810, -3.5810, 26.3630

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



168.1200, 43.1000, -10.1800



241.8630, 16.3230, -3.9730



137.6880, 46.1180, 34.2620



119.5080, 10.1330, -1.9230



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



168.1200, 43.1000, -10.1800



202.6800, 64.6500, -15.2700



189.2080, 27.3320, -32.7960



98.5120, 4.3100, -1.0180



107.7470, 71.7110, -16.5850



24.8630, 16.3230, -3.9730

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



137.8800, -43.1000, 10.1800



157.3200, -64.6500, 15.2700



116.7920, -27.3320, 32.7960



95.4880, -4.3100, 1.0180



57.6660, -71.4360, 17.1080



13.1370, -16.3230, 3.9730

Previews

White Background



This preview shows how the YIQ color 168.1200, 43.1000, -10.1800 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 168.1200, 43.1000, -10.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

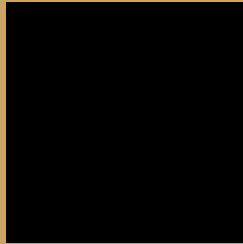
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.1200, 43.1000, -10.1800

Background



This preview shows how black text looks on a background with the YIQ color 168.1200, 43.1000, -10.1800.



This preview shows how white text looks on a background with the YIQ color 168.1200, 43.1000, -10.1800.

-10.1800.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

168.1200, 43.1000, -10.1800

Protanopia

167.1890, 29.4840, -16.7240

Deuteranopia

168.1310, 44.5670, -9.2330



Tritanopia

172.5140, 28.3320, 15.1800

Trichromacy



Original Color

168.1200, 43.1000, -10.1800

Protanomaly

167.4070, 34.8020, -13.9820

Deuteranomaly

167.8320, 43.9710, -9.4450

Tritanomaly

171.0550, 33.6980, 6.0340

Monochromacy



Original Color

168.1200, 43.1000, -10.1800

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9770, 16.0020, -3.6620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.1200, 43.1000, -10.1800 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 163, 103)` looks like.

```
.text, #text, p{  
    color:rgb(203, 163, 103)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 163, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 163, 103) }
```

Border

The CSS property to change the border of an element to YIQ 168.1200, 43.1000, -10.1800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 163, 103) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 163, 103) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 163, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 163, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 163, 103);  
box-shadow:4px 4px 4px 4px rgb(203, 163,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 168.1200, 43.1000, -10.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 163, 103) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
163, 103) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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